

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 045 23556

Approval Date: 01/02/2015  
Expiration Date: 07/02/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 18N Rge: 24W County: ELLIS  
SPOT LOCATION:  SE  SW  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 175 400

Lease Name: WORD Well No: 1-30H Well will be 175 feet from nearest unit or lease boundary.

Operator Name: PPP PETROLEUM LP Telephone: 2142316832 OTC/OCC Number: 23356 0

PPP PETROLEUM LP  
2101 CEDAR SPRINGS RD STE 1800  
DALLAS , TX 75201-1585

WORD BROTHERS  
PO BOX 443  
ARNETT OK 73832

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 CLEVELAND	9267	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 589515 Location Exception Orders: Increased Density Orders: 633421

Pending CD Numbers: 201407095 Special Orders:

Total Depth: 13791 Ground Elevation: 2076 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 510

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 14000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28792  
H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 30 Twp 18N Rge 24W County ELLIS

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 8789

Radius of Turn: 481

Direction: 360

Total Length: 4247

Measured Total Depth: 13791

True Vertical Depth: 9267

End Point Location from Lease,  
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

12/31/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

INCREASED DENSITY - 633421

12/31/2014 - G91 - 30-18N-24W  
X589515  
XOTHER  
4 WELLS  
PPP PETROLEUM, LP.  
11-24-2014

MEMO

12/31/2014 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS REQUIRED (CANADIAN RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201407095

12/31/2014 - G91 - (I.O.) 30-18N-24W  
X589515 CLVD, OTHERS  
XOTHER  
COMPL. INT. NCT 165 FNL, NCT 165 FSL, NCT 330 FWL  
NO OP. NAMED  
REC. 12-9-2014 (MCKEOWN)

SPACING - 589515

12/31/2014 - G91 - (640)(HOR) 30-18N-24W  
EXT 585689 CLVD, OTHERS  
EXT OTHERS  
POE TO BHL NCT 660' FB  
(COEXIST WITH ORDER # 200994 CLVD; WORD 2-30, 045-22276)

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